



Sector \$

CERTIFICATE OF MAILING (37 CFR 1.8(A))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 30 June 2000

Laura J. Kelly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SERIAL NUMBER 09/484,835	FILING DATE 18 JAN 2000	FIRST NAMED INVENTOR HUAI	ATTY. DKT. NO. 1314.3009
TITLE METHOD AND APPARATUS FOR DISCOVERING EDGE- DISJOINT SHORTEST PATH PAIRS DURING SHORTEST PATH TREE COMPUTATION		ART UNIT 2755	EXAMINER UNKNOWN

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL**

Enclosed for filing are the following papers:

- Fee Transmittal Form       Check for \$ 1278 . 00  
 Amendment / Response       After Final  
 Petition for Extension of Time  
 Information Disclosure Statement       Form PTO-1449  
 Notice to File Missing Parts of Application/Incomplete Application  
 Express Mail Certificate  
 Other:

Remarks: The above-noted documents and fees are being transmitted herewith in response to the Notice of Missing Parts mailed March 20, 2000.

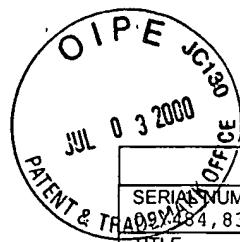
Dated: 6/30/00

J.P. Blasko Prof. Corp.  
107 North Broad Street  
Doylestown, PA 18901  
(215) 348-7775



Signature

Douglas J. Ryder, Reg. No. 43,073



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**FEE TRANSMITTAL**

SERIAL NUMBER 09/484,835	FILING DATE 18 JAN 2000	FIRST NAMED INVENTOR HUAI	ATTY. DKT. NO. 1314.3009
TITLE METHOD AND APPARATUS FOR DISCOVERING EDGE-DISJOINT SHORTEST PATH PAIRS DURING SHORTEST PATH TREE COMPUTATION		ART UNIT 2755	EXAMINER UNKNOWN

**FEE CALCULATION** (fees effective 6/26/00)

<b>1. FILING FEE</b>				<b>2. CLAIMS</b>			
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Amount	Previous Paid	Extra	Fee	Amount
<input checked="" type="checkbox"/> 101	<input type="checkbox"/> 201	Utility filing	690.00	Total Claims	16 - 20 = 0	x 18.00 = 0.00	
<input type="checkbox"/> 106	<input type="checkbox"/> 206	Design filing fee		Independent Claims	4 - 3 = 1	x 78.00 = 78.00	
<input type="checkbox"/> 107	<input type="checkbox"/> 207	Plant filing fee		<input type="checkbox"/> Multiple Dependent Claims			
<input type="checkbox"/> 108	<input type="checkbox"/> 208	Reissue filing fee		<input type="checkbox"/> Small Entity Status (50% Reduction)			
<b>SUBTOTAL (1)</b> \$ 690.00				<b>SUBTOTAL (2)</b> \$ 78.00			

<b>3. ADDITIONAL FEES</b>			Amount
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Amount
<input checked="" type="checkbox"/> 105	<input type="checkbox"/> 205	Surcharge-late filing fee or oath	130.00
<input type="checkbox"/> 139	<input type="checkbox"/> 139	Non-English specification	
<input type="checkbox"/> 147	<input type="checkbox"/> 147	for filing a Request for Reexamination	
<input type="checkbox"/> 112	<input type="checkbox"/> 112	Requesting publication of SIR prior to Examiner Action	
<input type="checkbox"/> 113	<input type="checkbox"/> 113	Requesting publication of SIR after Examiner Action	
<input type="checkbox"/> 115	<input type="checkbox"/> 215	Extension for response within first month	
<input checked="" type="checkbox"/> 116	<input type="checkbox"/> 216	Extension for response within second month	380.00
<input type="checkbox"/> 117	<input type="checkbox"/> 217	Extension for response within third month	
<input type="checkbox"/> 118	<input type="checkbox"/> 218	Extension for response within fourth month	
<input type="checkbox"/> 119	<input type="checkbox"/> 219	Notice of Appeal	
<input type="checkbox"/> 120	<input type="checkbox"/> 220	Filing a brief in support of an appeal	
<input type="checkbox"/> 121	<input type="checkbox"/> 221	Request for oral hearing	
<input type="checkbox"/> 138	<input type="checkbox"/> 138	Petition to institute a public use proceeding	
<input type="checkbox"/> 140	<input type="checkbox"/> 240	Petition to revive unavoidably abandoned application	
<input type="checkbox"/> 141	<input type="checkbox"/> 241	Petition to revive unintentionally abandoned application	
<input type="checkbox"/> 142	<input type="checkbox"/> 242	Utility issue fee (or reissue)	
<input type="checkbox"/> 143	<input type="checkbox"/> 243	Design issue fee	
<input type="checkbox"/> 144	<input type="checkbox"/> 244	Plant issue fee	
<input type="checkbox"/> 122	<input type="checkbox"/> 122	Petitions to the Commissioner	
<input type="checkbox"/> 126	<input type="checkbox"/> 126	Submission of Information Disclosure Statement	
<input type="checkbox"/> 581	<input type="checkbox"/> 581	Recording each patent assignment per property	
<input type="checkbox"/> 114	<input type="checkbox"/> 214	Provisional Application filing	
Other fee (specify)			
Other fee (specify)			
<b>SUBTOTAL (3)</b> \$ 510.00			

<b>METHOD OF PAYMENT</b> (check one)		
<b>TOTAL AMOUNT OF PAYMENT</b>		\$ 1278.00
<input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: _____ Deposit Account Name: _____		<input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other:  Office use only:
<input type="checkbox"/> Charge any Additional Fee Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)		

**SUBMITTED BY**

Douglas J. Ryder

Signature

Date

43,073

Reg. Number

TH3

## FORMALITIES LETTER

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
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09/484,835

01/18/2000

Jin Huai

1314.3009

John P. Blasko  
J.P. Blasko Prof. Corp.  
107 North Broad Street  
Doylestown, PA 18901



Date Mailed: 03/20/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$78.  
■ \$78 for 1 independent claims over 3.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 898.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

00000003 09484835	690.00	OP
	78.00	OP
	130.00	OP
07/06/2000 NLURNG		
01 FC:101		
02 FC:102		
03 FC:105		